

Emergency locator device transmitting location data by wireless telephone communications

Patent number: EP0809117
Publication date: 1997-11-26
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Classification:
- **international:** G01S5/00; G01S5/14; G08B25/01; G01S5/00;
G01S5/14; G08B25/01; (IPC1-7): G01S5/14;
H04M11/04
- **european:** G01S5/00R1A; G01S5/14B3; G08B25/01D
Application number: EP19970303438 19970520
Priority number(s): US19960652051 19960523

Also published as:

 US5914675 (A1)
 EP0809117 (A3)

Cited documents:

 US5504491
 US5223844
 WO9604155

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A portable emergency locator device includes a global positioning system (GAS) receiver generating location data and a wireless telephone transceiver for transmitting the location data as digital data to a called station during a two-way voice conversation via a wireless telephone network (cellular, PCS, or satellite). The emergency locator device can be implemented as a conventional wireless telephone having interfaces for receiving the location data from an external GAS receiver and vehicle status data from external vehicle control systems. The data received from the interfaces is stored in an internal memory for transmission to the called station in response to an emergency event trigger.

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